

FLOATON® BREAKWATER

FLOATON® BREAKWATER is a green concept in preventing beach from erosion.

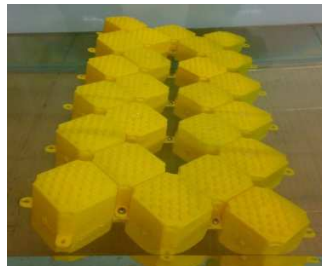
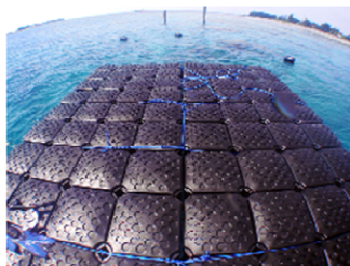
FLOATON® BREAKWATER is constructed by configuration of $0.5 \times 0.5 \times 0.4 \text{ m}^3$ size cube, made of High Density Poly-Ethylene (HDPE). **FLOATON® BREAKWATER** is hence resistance to UV, abrasion, saline water and acid.

FLOATON® BREAKWATER offers numerous advantages in preventing beach erosion as it provides:

- Low-cost maintenance
- Preservation of beach aesthetic
- Significant absorption of moderate wave
- Suitability for deeper water and various soil conditions



Being a floating system, **FLOATON® BREAKWATER** is an environmentally friendly construction. It does not generate interference on water circulation, fish migration and sediment transport.



Model of **FLOATON® BREAKWATER** and the 1:1 scale prototype have passed laboratory and field tests successfully. Effective configuration to give maximum wave damping is given by the so-called 'sloping-zigzag-holes' configuration.

FLOATON® BREAKWATER can also be used for various floating structures, such as fish cage, floating seaweed farm, harbor, tourism facilities, bridge, house, buoy, boat docking and transportation pontoon.

